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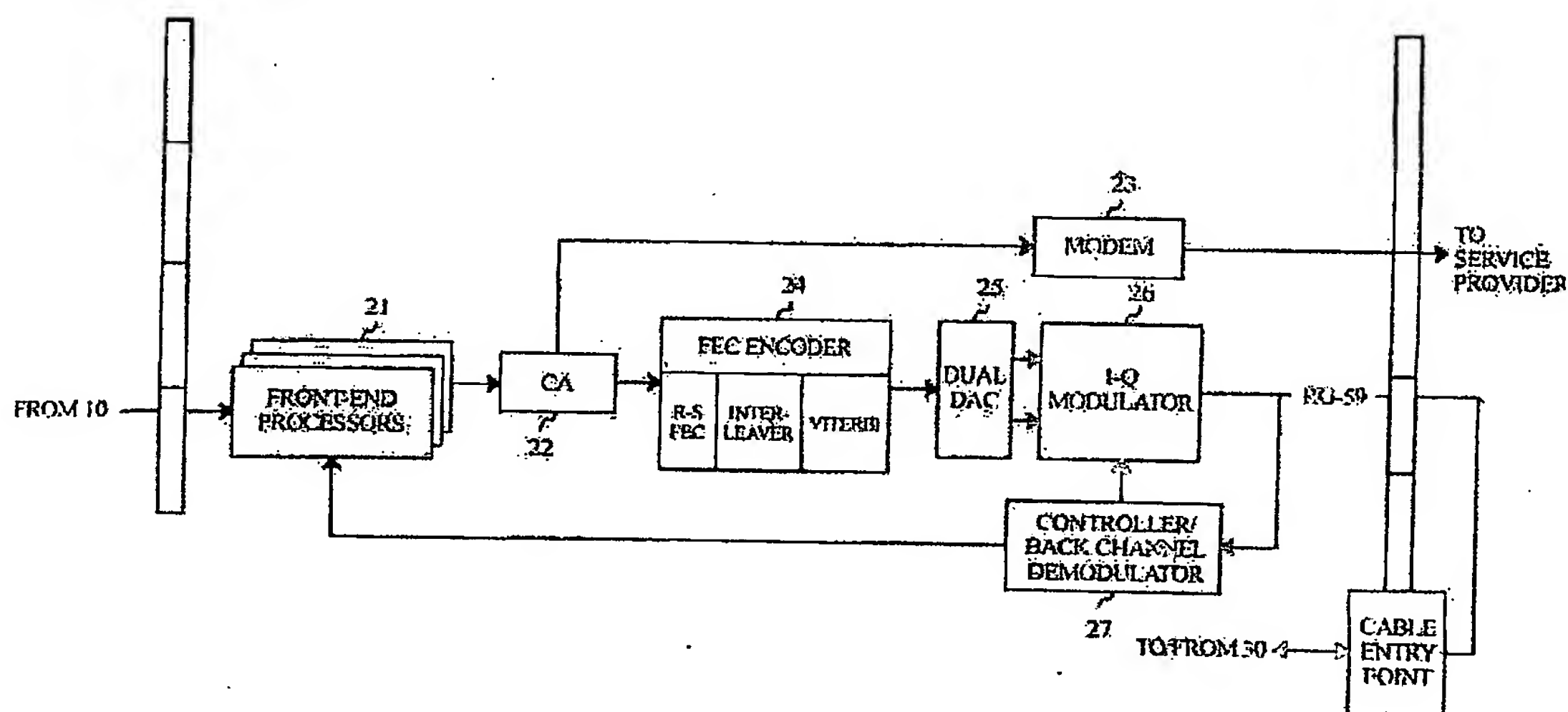
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(54) Title: APPARATUS AND METHOD FOR DISTRIBUTING SIGNALS BY DOWN-CONVERTING TO VACANT CHANNELS

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(57) Abstract: A gateway apparatus (20) is capable of distributing signals such as audio, video, and/or data signals in a household and/or business dwelling using the existing coaxial cable infrastructure, and the signal distribution is controlled using the coaxial cable infrastructure as a back channel. According to an exemplary embodiment, the gateway apparatus (20) includes signal processing elements (21, 24, 25, 26) for receiving signals from a broadcast source and processing the received signals to generate processed analog signals. A back channel demodulator (27) receives a request signal from a client device (30) via a coaxial cable connecting the gateway apparatus (20) and the client device (30). The processed analog signals are provided to the client device (30) via the coaxial cable responsive to the request signal.



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